

## COMPUTER SYSTEM REPLACEMENT FUND

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A new sub-fund of the Capital Asset Replacement Fund was established during the FY 03 budget process to fund computer hardware and software system replacements critical to County operations. The Department of Information Technology reviewed current hardware and software systems and inventoried systems that have future replacement costs associated with their life cycle usefulness. Just as the County plans for the depreciation of its facilities and vehicles, this fund was established to address the depreciation and replacement costs of the County's computer systems.

An appropriation of \$1 million started the fund in FY 03 to replace a portion of the Public Safety CAD system (\$550,000) and the County Assessor's Office CARAT system (Phase I - \$450,000). Both projects addressed life-cycle system effectiveness. The FY 04 Computer System Replacement Fund appropriated funds for the second phase of the CARAT system replacement and was funded in the amount of \$350,000. The second phase funding completed the replacement of the CARAT system.

Minimal funding of \$225,000 was adopted in FY 05 for this fund. In preparation for the FY 06 budget, the Department of Information Technology (D.I.T) has identified major servers that perform mission critical processing including finance, taxation, land records, and public safety records and developed a series of replacement schedules.

<b>Table 1. – Computer System Replacement Fund</b>	<b>FY 03 Adopted</b>	<b>FY 04 Adopted</b>	<b>FY 05 Adopted</b>	<b>FY 06 Proposed</b>
<b>Replacement Fund</b>	\$1,000,000	\$350,000	\$225,000	\$1,150,000
<b>Total expenditures</b>	\$1,000,000	\$350,000	\$225,000	\$1,150,000
<b>Local tax funding</b>	\$1,000,000	\$350,000	\$225,000	\$1,150,000

### Minor Computer System Replacement ( Up to \$500,000)

The computer system replacement fund plans for an annual depreciation/sinking fund for system replacements that cost up to \$500,000. Local tax funding is proposed to fund an annual depreciation amount to insure funds are available as system replacements up to \$500,000 are required. In FY 06, a total of \$1,150,000 is proposed to fund this depreciation/sinking fund. Table 2, on Page 319 provides an itemized list of these replacements.

### Major Computer System Replacements (>\$500,000)

The computer replacement fund also plans for major computer system replacements that cost more than \$500,000 per system. Due to the costs associated with this type of replacement, the fund recommends financing the major system replacements. A schedule of major computer system replacements is provided in Table 3, on Page 320. The lease/purchase financing debt service for systems to be replaced in the FY 05 0- FY 10 planning period is included in the debt service fund on Page 275.

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<b>TABLE 2: Minor System Replacements Up to \$500,000</b>			
<b>Item</b>	<b>Useful Life (Yrs)</b>	<b>Replacement Cost</b>	<b>Annual Budget</b>
Inter1 Web Server	4	\$10,000	\$2,500
Intra 1 Web Server	4	\$10,000	\$2,500
Dev Web Server	4	\$5,000	\$1,250
GIS Intra 1 Web Server	4	\$10,000	\$2,500
GIS Intra 2 Web Server	4	\$10,000	\$2,500
GIS Inter 2 Web Server	4	\$10,000	\$2,500
www.internet.col	4	\$10,000	\$2,500
WebTrac	4	\$10,000	\$2,500
DNS 1	4	\$5,000	\$1,250
DNS 2	4	\$5,000	\$1,250
WebSpeed	4	\$10,000	\$2,500
SNA Commserver	4	\$5,000	\$1,250
PC Charge	4	\$10,000	\$2,500
SNA Dev	4	\$5,000	\$1,250
Nokia 1 Firewall	4.5	\$15,000.00	\$3,333
Nokia 2 Firewall	4.5	\$15,000.00	\$3,333
Management Console	4.5	\$5,000.00	\$1,083
Compaq 1500 - SAA	3.5	\$10,000	\$2,857
Compaq 1500 - Appl Dev	3.5	\$10,000	\$2,857
ColLMIS - DL380	3.5	\$10,000	\$2,857
Zensvr - DL 380	3.5	\$10,000	\$2,857
ColRadius - DL 380	3.5	\$10,000	\$2,857
Treasurer PO -DL 380	3.5	\$10,000	\$2,857
Blackberry - DL 380	3.5	\$10,000	\$2,857
Wonderboy Help Desk - DL 380	3.5	\$10,000	\$2,857
Explorer - Compaq 1500	3.5	\$10,000	\$2,857
ColGW2 - DL 380	3.5	\$10,000	\$2,857
ColGW3 -DL 380	3.5	\$10,000	\$2,857
Colsurestore -DL 380	3.5	\$10,000	\$2,857
IdentiPASS Reference PC	3.5	\$2,500	\$714
Xerox Laser Printers (2)	5	\$400,000.00	\$80,000
GIS Application Server - Web	2	\$30,000.00	\$15,000
BTI (MH/MR System)	3	\$200,000	\$67,000
Network FDDi Backbone(Douglas,N	7	\$250,000	\$36,000
CoManage Imaging Software	5	\$350,000	\$70,000
DASD	3	\$250,000.00	\$83,000
IBM MainframeTape Storage	2	\$300,000.00	\$150,000
GIS M80 Processor	2	\$330,000.00	\$165,000
Rec Trac Processor	3	\$200,000.00	\$67,000
Imaging System Processor	3	\$130,000.00	\$43,000
Library System HP Processor	2	\$400,000.00	\$200,000
Public School System Processor	2	\$330,000.00	\$165,000
GIS Plotter Hardware	2	\$15,000.00	\$7,500
Library System Web Server	2	\$75,000.00	\$37,500
Library System IPAC Server	2	\$30,000.00	\$15,000
Library System RSS Server	2	\$30,000.00	\$15,000
CAD Processors (3)	4	\$350,000.00	\$87,500
CAD Message Switches (2)	3	\$45,000.00	\$15,000
Microwave Data Radios (5)	5	\$400,000.00	\$70,000
MH/MR Processor	1	\$40,000.00	\$40,000
			<b>\$1,500,000</b>

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**TABLE 3: > than \$500,000**

<i><b>Item</b></i>	<i><b>Replacement</b></i>	<i><b>Replacement Cost</b></i>
Taxation	FY 08	\$1,200,000
IBM Mainframe Processor	FY 09	\$1,200,000.00
Public Safety CAD	FY 09	\$4,000,000.00
KPMG Financial System	FY 10	\$9,000,000
Radio Communications System	FY 10	\$15,000,000.00
Cyborg Payroll System	FY 12	\$1,200,000
Student Information System	FY 12	\$1,000,000
Parks & Recreation Mgmt System	FY 13	\$600,000
Library System	FY 14	\$1,000,000
CARAT System	FY 16	\$735,000

Debt Service for Lease/Purchase Financing is included in the Debt Service Fund.